

ISS and Human Research Project Office Highlights February 19, 2010

ISS Research Program

FLEX data from down-linked on-orbit test points provided to PIs;

DVDs of the last three down-linked on-orbit test points taken February 4, 2010 have been provided to the Flames Extinguishment Experiment (FLEX) Principal Investigators. Eight completed test points remain to be down-linked from ISS to the Glenn Research Center (GRC) Telescience Support Center. (POC: MAH/Bob Corban, (216) 433-6642/J. MAH/Mark Hickman, (216) 977-7105)

Documentation for FLEX-2 Critical Design Review is being completed.

Preparations for the Flames Extinguishment Experiment=2 (FLEX-2) Critical Design Review (CDR) are underway. Documents for review by the CDR board are being uploaded to the CDR folder in the CIR Experiments eRoom. The CDR is to take place on February 25, 2010. (POC: J. Mark Hickman, (216) 977-7105)

ACME Project Scientist finalizing Science Requirements Document

The Advanced Combustion via Microgravity Experiments (ACME) Project Scientist, Dennis Stocker, is working with the ACME Principal Investigators (PIs) to finalize the Science Requirements Document. An Engineering Requirements Document is being put together to determine how the science requirements will be achieved. The Requirements Definition Review (System Requirements Review) is being planned for early May. (POC: J. Mark Hickman, (216) 977-7105)

Human Research Program

Thirty test subjects cleared for Lunar Missions' study.

A milestone in human subjects recruitment and testing at Glenn Research Center (GRC) was achieved this month – the NSBRI-funded study team “Monitoring Bone Health During Lunar Missions” officially cleared all 30 test subjects through GRC Medical Services. This was a tremendous accomplishment and to our knowledge the largest group of human subjects ever recruited/cleared for a study at NASA Glenn. (POC: MAH/Gail Perusek, (216) 433-8729)